

Appendix A References

A-1. Required Publications

ER 1110-2-1407

Hydraulic Design for Coastal Shore Protection Projects

ER 1110-2-2902

Prescribed Procedures for the Maintenance and Operation of Shore Protection Works

EM 1110-2-103

Construction of Shore Protection Works

EM 1110-2-1204

Environmental Engineering for Coastal Protection

EM 1110-2-1412

Storm Surge Analysis and Design Water Level Determination

EM 1110-2-1414

Water Levels and Wave Heights for Coastal Engineering Design

EM 1110-2-1601

Hydraulic Design of Flood Control Channels (Chapters 1 through 4)

EM 1110-2-1612

Ice Engineering (Chapter 1)

EM 1110-2-1614

Design of Coastal Revetments, Seawalls, and Bulkheads

EM 1110-2-1616

Sand Bypassing System Selection

EM 1110-2-1903

Bearing Capacity of Soils (Chapters 1 and 2)

EM 1110-2-2502

Retaining Walls (Chapters 1 through 3)

EM 1110-2-2904

Design of Breakwaters and Jetties (Chapters 1 through 3)

EM 1110-2-2906

Design of Pile Structures and Foundations

EM 1110-2-3300

Beach Erosion Control and Shore Protection Studies (Chapter 1)

EM 1110-2-1502

Coastal Littoral Transport

Ahrens 1977

Ahrens, J. P. 1977. "Prediction of Irregular Wave Overtopping," Coastal Engineering Technical Aid No. 77-7, Coastal Engineering Research Center, Fort Belvoir, VA.

Ahrens 1987

Ahrens, J. P. 1987. "Characteristics of Reef Breakwaters," Technical Report CERC-87-17, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

American Institute of Steel Construction 1981

American Institute of Steel Construction. 1981. *Allowable Stress Design*, AISC, Chicago, IL.

Barsom and Rolfe 1987

Barsom, J. M., and Rolfe, S. T. 1987. *Fracture and Fatigue Control in Structures*, Prentice-Hall, Englewood Cliffs, NJ.

Barth and Titus 1984

Barth, M. C., and Titus, J. G., ed. 1984. *Greenhouse Effect and Sea Level Rise*, van Nostrand Reinhold, New York.

Berenguer and Enriquez 1988

Berenguer, J. M., and Enriquez, J. 1988. "Design of Pocket Beaches: The Spanish Case," *Proceedings, 21st International Conference on Coastal Engineering*, Malaga/Costa del Sol, Spain.

Bishop 1982

Bishop, C. T. 1982. "A Review of Shore Protection by Headland Control," No. 352, Environment Canada, Burlington, Ontario.

Bruun 1952

Bruun, P. 1952. "Measures Against Erosion at Groins and Jetties," *Proceedings, 3rd International Conference on Coastal Engineering*, Cambridge, MA.

Bruun 1962

Bruun, P. 1962. "Sea Level Rise as a Cause of Erosion," *Journal of the Waterways and Harbors Division*, American Society of Civil Engineers, Vol 88, WW1, pp 117-133.

Bruun 1989

Bruun, P. 1989. "The Coastal Drain: What Can It Do or Not Do?" *Journal of Coastal Research*, Vol 5, No. 1, pp 1213-126.

Charney 1979

Charney, J., et al. 1979. *Carbon Dioxide and Climate: A Scientific Assessment*, Climate Research Board, NAS Press, Washington, DC.

Chatham 1972

Chatham, C. E. 1972. "Moveable-Bed Model Studies of Perched Beach Concept," Chapter 64, *Proceedings, 13th International Conference on Coastal Engineering*, Vancouver, BC, Canada.

Chew, Wong, and Chin 1974

Chew, S. Y., Wong, P. P., and Chin, K. K. 1974. "Beach Development Between Headland Breakwaters," *Proceedings, 14th International Conference on Coastal Engineering*, Copenhagen, Denmark.

Corson and Tracy 1985

Corson, W. D., and Tracy, B. A. 1985. "Atlantic Coast Hindcast, Phase II Wave Information: Additional Extreme Estimates," WIS Report 15, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Dally and Pope 1986

Dally, W. R., and Pope, J. 1986. "Detached Breakwaters for Shore Protection," Technical Report CERC-86-1, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Dean 1978

Dean, R. G. 1978. "Coastal Structures and Their Interaction with the Shoreline," *Application of Stochastic Processes in Sediment Transport*, H. W. Shen and H. Kikkawa, ed., Water Resources Publications, Littleton, CO, pp 18-1 to 18-46.

Dean et al. 1987

Dean, R. G., et al. 1987. *Responding to Changes in Sea Level, Engineering Implications*, Committee on Engineering Implications of Changes in Relative Mean Sea Level, National Academy Press, Washington, DC.

Denes et al. 1990

Denes, T. A., Hales, L. Z., Rosati, J. D., Simpson, D. P., and Thomas, J. L. 1990. "Rehabilitation of Permeable Breakwaters and Jetties by Void Sealing, Summary Report," Technical Report REMR-CO-16, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Douglass and Weggel 1987

Douglass, S. L., and Weggel, J. R. 1987. "Performance of a Perched Beach - Slaughter Beach, Delaware," *Proceedings, Coastal Sediments '87*, American Society of Civil Engineers, Specialty Conference, New Orleans, LA.

Dunham 1982

Dunham, J. W. 1982. "Chief of Engineers' Final Report to Congress on the Shoreline Erosion Control Demonstration Act," US Army Corps of Engineers, Office of the Chief of Engineers, Washington, DC.

Ebersole 1982

Ebersole, B. A. 1982. "Atlantic Coast Water Level Climates," WIS Report 7, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Ebersole, Prater, and Cialone 1986

Ebersole, B. A., Prater, M. A., and Cialone, M. A. 1986. "Regional Coastal Processes Numerical Modelling System: Report 1, RCPWAVE - A Linear Wave Propagation Model for Engineering Use," Technical Report CERC-86-4, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Eckert and Callender 1987

Eckert, J., and Callender, G. 1987. "Geotechnical Engineering in the Coastal Zone," Technical Report CERC-87-1, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Edelman 1968

Edelman, T. 1968. "Dune Erosion During Storm Conditions," *Proceedings, 11th International Conference on Coastal Engineering*, London, pp 719-722.

Edelman 1972

Edelman, T. 1972. "Dune Erosion During Storm Conditions," *Proceedings, 13th International Conference on Coastal Engineering*, Vancouver, BC, Canada.

Everts 1983

Everts, C. H. 1983. "Shoreline Changes Downdrift of a Littoral Barrier," *Proceedings, Coastal Structures '83*, American Society of Civil Engineers.

Galvin 1972

Galvin, C. J. 1972. "A Gross Longshore Transport Rate Formula," *Proceedings, 13th International Conference on Coastal Engineering*, Vancouver, BC, Canada.

Goda 1970

Goda, Y. 1970. "A Synthesis of Breaker Indices," *Proceedings*, Japanese Society of Civil Engineers, No. 180, pp 39-49 (in Japanese).

Gourlay 1981

Gourlay, M. R. 1981. "Beach Processes in the Vicinity of Offshore Breakwaters," *Proceedings, Fifth Australian Conference on Coastal and Ocean Engineering*, Perth, Australia, pp 129-134.

Hallermeier 1983

Hallermeier, R. J. 1983. "Sand Transport Limits in Coastal Structure Design," *Proceedings, Coastal Structures '83*, American Society of Civil Engineers, pp 703-716.

Hands 1981

Hands, E. F. 1981. "Predicting Adjustments in Shore and Offshore Profiles on the Great Lakes," CETA 81-4, Coastal Engineering Research Center, Fort Belvoir, VA.

Hanson 1986

Hanson, H. K. 1986. "Coastal Drain System - Full Scale Test - 1985 - Thorsmindetangen," Danish Geotechnical Institute, Job No. 170 83322.

Hanson and Kraus 1989

Hanson, H., and Kraus, N. C. 1989. "GENESIS: Generalized Model for Simulating Shoreline Change," Technical Report CERC-89-19, US Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS.

Hanson 1982

Hanson, S. A. 1982. "Forces Caused by Non-Breaking Waves Striking a Smooth, Vertical Wall at Small Angles of Incidence," M.S. Thesis, Department of Civil and Environmental Engineering, University of Wisconsin at Madison, WI.

Hardaway and Gunn 1991

Hardaway, C. S., Jr., and Gunn, J. R. 1991. "Headland Breakwaters in the Chesapeake Bay," *Proceedings, Coastal Zone '91*, American Society of Civil Engineers, Long Beach, CA.

Harris 1981

Harris, D. L. 1981. "Tides and Tidal Datums in the United States," Special Report 7, Coastal Engineering Research Center, Fort Belvoir, VA.

Hicks 1973

Hicks, S. 1973. "Trends and Variability of Yearly Mean Sea Level 1893-1971," Technical Memorandum 92, National Oceanic and Atmospheric Administration, National Ocean Survey, Rockville, MD.

Hicks, Debaugh, and Hickman 1983

Hicks, S. D., Debaugh, H. A., Jr., and Hickman, L. E. 1983. "Sea Level Variations for the United States," US Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Survey, Rockville, MD.

Hoffman 1984

Hoffman, J. S. 1984. "Estimates of Future Sea Level Rise," in *Greenhouse Effect and Sea Level Rise*, M.C. Barth and J.G. Titus, ed., van Nostrand Reinhold, Co., New York.

Horikawa and Komori 1968

Horikawa, K., and Komori, S. 1968. "Wind and Wave Attenuation Mechanism by Submerged Breakwaters," *Proceedings, 15th Conference on Coastal Engineering*, Japan.

Hough 1957

Hough, B. K. 1957. *Basic Soils Engineering*, Ronald Press, New York.

Hidson et al. 1979

Hidson, R. Y., Herrmann, F. A., Jr., Sager, R. A., Whalin, R. W., Keulegan, G. E., Chatham, C. E., Jr., and Hales, L. Z. 1979. "Coastal Hydraulic Models," SR-5, Coastal Engineering Research Center, Fort Belvoir, VA.

Hsu, Silvester, and Xia 1989

Hsu, J. R., Silvester, R., and Xia, Y. M. 1989. "Generalities on Static Equilibrium Bays," *Coastal Engineering*, Vol 12, Elsevier Science Publishers, Amsterdam.

Hughes 1983

Hughes, S. 1983. "Moveable Bed Modelling Law for Coastal Dune Erosion," *Journal of Waterway, Port, Coastal and Ocean Division*, American Society of Civil Engineers, Vol 109, No. 2, pp 164-179.

Inman and Frautschy 1966

Inman, L. D., and Frautschy, J. D. 1966. "Littoral Processes and the Development of Shorelines," *Proceedings, ASCE Specialty Conference on Coastal Engineering*, Santa Barbara, CA, pp 511-536.

Jensen 1983

Jensen, R. E. 1983. "Atlantic Coast Hindcast, Shallow Water, Significant Wave Information," WIS Report 9, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Kawata and Tsuchiya 1986

Kawata, Y., and Tsuchiya, Y. 1986. "Applicability of Sub-Sand System to Beach Erosion Control, *Proceedings, 20th International Conference on Coastal Engineering*, American Society of Civil Engineers, pp 1255-1267.

Kraft and Herbich 1989

Kraft, K., and Herbich, J. B. 1989. "Literature Review and Evaluation of Offshore Detached Breakwaters," Texas A&M University, Report No. COE-297, prepared for the US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Kraus 1983

Kraus, N. C. 1983. "Applications of a Shoreline Prediction Model," *Proceedings, ASCE Specialty Conference, Coastal Structures '83*, Arlington, VA.

Kriebel 1982

Kriebel, D. L. 1982. "Beach and Dune Response to Hurricances," M. E. Thesis, University of Delaware, Newark, DE.

Kriebel and Dean 1985

Kriebel, D. L., and Dean, R. G. 1985. "Numerical Simulation of Beach and Dune Erosion," *Coastal Engineering*, Vol 9, pp 221-245.

Larson, Kraus, and Byrnes 1990

Larson, M., Kraus, N. C., and Byrnes, M. R. 1990. "SBEACH: Numerical Model for Simulating Storm-Induced Beach Change; Report 2, Numerical Formulation and Model Tests," Technical Report CERC-89-9, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Leenknecht et al. 1990

Leenknecht, D. A., Szuwalski, A., Sherlock, A. R., and George, M. E. 1990. *Automated Coastal Engineering System: Users Guide*, Version 1.04, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

LeMéhauté and Soldate 1980

LeMéhauté, B., and Soldate, M. 1980. "Mathematical Modelling of Shoreline Evolution," Miscellaneous Report 77-10, Coastal Engineering Research Center, Fort Belvoir, VA.

Machemehl, French, and Huang 1975

Machemehl, J. L., French, T. J., and Huang, N. E. 1975. "New Method for Beach Erosion Control, *Proceedings, Civil Engineering in the Oceans*, American Society of Civil Engineers, pp 142-160.

Madson and White 1976

Madsen, O. S., and White, S. 1976. "Reflection and Transmission Characteristics of Porous Rubble-Mound Breakwaters," MR 76-5, Coastal Engineering Research Center, Fort Belvoir, VA.

Moore 1982

Moore, B. 1982. "Beach Profile Evolution in Response to Changes in Water Level and Wave Height," M.E. Thesis, University of Delaware, Newark, DE.

National Ocean Service 1986

National Ocean Service. 1986. "Tide Tables: East Coast of North and South America," US Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, MD.

Nir 1982

Nir, Y. 1982. "Offshore Artificial Structures and Their Influence on the Israel and Sinai Mediterranean Beaches," *Proceedings, 18th International Conference on Coastal Engineering*, American Society of Civil Engineers, pp 1837-1856.

Noble 1978

Noble, R. M. 1978. "Coastal Structures' Effects on Shorelines," *Proceedings, 17th International Conference on Coastal Engineering*, American Society of Civil Engineers, Sydney, Australia, pp 2069-2085.

Parks 1989

Parks, J. M. 1989. "Beachface Dewatering: A New Approach to Beach Stabilization," *The Compass of Sigma Gamma Epsilon*, Vol 66, No. 2.

Perlin and Dean 1978

Perlin, M., and Dean, R. G. 1978. "Prediction of Beach Planforms with Littoral Controls," *Proceedings, 16th International Conference on Coastal Engineering*, Hamburg, Germany.

Perroud 1957

Perroud, P. H. 1957. "The Solitary Wave Reflection Along a Straight Vertical Wall at Oblique Incidence," University of California, Department of Engineering, Berkeley, CA.

Pope 1989

Pope, J. 1989. "Role of Breakwaters in Beach Erosion Control," *Proceedings, Beach Preservation Technology Conference*, Florida Shore and Beach Preservation Association, Tampa, FL.

Pope and Dean 1986

Pope, J., and Dean, J. L. 1986. "Development of Design Criteria for Segmented Breakwaters," *Proceedings, 20th International Conference on Coastal Engineering*, Taipei, Taiwan.

Rea and Komar 1975

Rea, C. C., and Komar, P. D. 1975. "Computer Simulation Models of a Hooked Beach Shoreline Configuration," *Journal of Sedimentary Petrology*, Vol 45.

Rosati 1990a

Rosati, J. D. 1990a. "Functional Design of Breakwaters for Shore Protection: Empirical Methods," Technical Report CERC-90-15, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Rosati 1990b

Rosati, J. D. 1990b. Coastal Engineering Technical Note III-23, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Rosati and Denes 1990

Rosati, J. D., and Denes, T. A. 1990. "Field Evaluation of Port Everglades, Florida, Rehabilitation of South Jetty by Void Sealing," Technical Report REMR-CO-15, US Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS.

Rosati and Truitt 1990

Rosati, J. D., and Truitt, C. L. 1990. "An Alternative Design Approach for Detached Breakwater Projects," Miscellaneous Paper CERC-90-7, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Schneider 1981

Schneider, C. 1981. "The Littoral Environmental Observation (LEO) Data Collection Program," CETA 81-5, Coastal Engineering Research Center, Fort Belvoir, VA.

Seelig 1979

Seelig, W. N. 1979. "Estimation of Wave Transmission Coefficients for Permeable Breakwaters," CETA 79-6, Coastal Engineering Research Center, Fort Belvoir, VA.

Seelig 1980

Seelig, W. N. 1980. "Two-Dimensional Tests for Wave Transmission and Reflection Characteristics of Laboratory Breakwaters," TR 80-1, Coastal Engineering Research Center, Fort Belvoir, VA.

Seelig and Walton 1980

Seelig, W. N., and Walton, T. L. 1980. "Estimation of Flow Through Offshore Breakwater Gaps by Wave Overtopping," CETA 80-8, Coastal Engineering Research Center, Fort Belvoir, VA.

Shore Protection Manual 1984

Shore Protection Manual. 1984. 4th Ed., Vol 2, US Army Engineer Waterways Experiment Station, Government Printing Office, Washington, DC.

Silvester 1970

Silvester, R. 1970. "Growth of Crenulate Shaped Bays to Equilibrium," *Journal of the Waterways and Harbor Division*, WW2, American Society of Civil Engineers.

Silvester 1976

Silvester, R. 1976. "Headland Defense of Coasts," *Proceedings, 15th International Conference on Coastal Engineering*, Honolulu, HI.

Silvester, Tsuchiya, and Shibano 1980

Silvester, R., Tsuchiya, Y., and Shibano, Y. 1980. "Zeta Bays, Pocket Beaches and Headland Control," *Proceedings, 17th International Conference on Coastal Engineering*, Sydney, Australia.

Sivard 1971

Sivard, F. L. 1971. "Building a Beach with an Offshore Sill, Singer Island, Florida," *Shore and Beach*, Vol 39, No. 1, pp 42-44.

Sorensen and Beil 1988

Sorensen, R. M., and Beil, N. J. 1988. "Perched Beach Profile Response to Wave Action," *Proceedings, 21st International Conference on Coastal Engineering*, Costa del Sol/Malaga, Spain.

Suh and Dalrymple 1987

Suh, K., and Dalrymple, R. A. 1987. "Offshore Breakwaters in Laboratory and Field," *Journal of Waterway, Port, Coastal and Ocean Engineering*, American Society of Civil Engineers, Vol 113, No. 2, pp 105-121.

Swart 1974

Swart, D. H. 1974. "Offshore Sediment Transport and Equilibrium Beach Profiles," Publication No. 131, Delft Hydraulics Laboratory, Delft, The Netherlands.

Terchunian 1989

Terchunian, A. V. 1989. "Performance of the STABEACH System at Hutchinson Island, Florida," *Proceedings, Beach Preservation Technology Conference*, Florida Shore and Beach Preservation Association, Tampa, FL.

Terzaghi and Peck 1967

Terzaghi, K., and Peck, R. K. 1967. *Soil Mechanics in Engineering Practice*, John Wiley, New York.

Toyoshima 1972

Toyoshima, O. 1972. "Coastal Engineering for the Practicing Engineer: Erosion," Translation of the book *Gemba no tame no Kaigan Kogaku*, Japan.

US Army Engineer District, Buffalo 1986

US Army Engineer District, Buffalo. 1986. *Sims Park, Euclid, Ohio, Detailed Project Report on Shoreline Erosion/Beach Restoration on Lake Erie*, Buffalo, NY.

US Army Engineer District, Detroit 1986

US Army Engineer District, Detroit. 1986. "Monthly Bulletin of Lake Levels for the Great Lakes," (monthly summaries of actual and predicted lake levels), Detroit, MI.

US Army Engineer District, Jacksonville 1989

US Army Engineer District, Jacksonville. 1989. *Pinellas County, Florida, Beach Erosion Control Project, Sand Key Segment, Monitoring Report, Redington Shores Breakwater*, Jacksonville, FL.

US Army Engineer District, Jacksonville 1990

US Army Engineer District, Jacksonville. 1990. Manatee County, Florida, Shore Protection Project, *General Design Memorandum with Supplemental Environmental Impact Statement*, Revisions January 1990, July 1990, Jacksonville, FL.

US Army Engineer District, Wilmington 1973

US Army Engineer District, Wilmington. 1973. *General Design Memorandum, Phase I, Yaupon Beach, Long Beach*, Wilmington, DE.

Vellinga 1983

Vellinga, P. 1983. "Predictive Computational Model for Beach and Dune Erosion During Storm Surges," *Proceedings, ASCE Specialty Conference, Coastal Structures '83*, Arlington, VA, pp 806-819.

Walker, Clark, and Pope 1981

Walker, J. R., Clark, D., and Pope, J. 1981. "A Detached Breakwater System for Beach Protection," *Proceedings, 17th International Conference on Coastal Engineering*, Sydney, Australia, pp 1968-1987.

Walton 1980

Walton, T. L. 1980. "Computation of Longshore Energy Flux Using LEO Current Observations," CETA 80-3, Coastal Engineering Research Center, Fort Belvoir, VA.

Weggel 1979

Weggel, J. R. 1979. "A Method for Estimating Long-Term Erosion Rates from a Long-Term Rise in Water Level," CETA 79-2, Coastal Engineering Research Center, Fort Belvoir, VA.

Weggel 1981

Weggel, J. R. 1981. "Wave Loading on Vertical Sheet-Pile Groins and Jetties," CETA 81-1, Coastal Engineering Research Center, Fort Belvoir, VA.

Weggel 1983

Weggel, J. R. 1983. "Analysis Method for Studying Sedimentation Patterns," *Journal of Waterway, Port, Coastal and Ocean Engineering*, American Society of Civil Engineers, Vol 109, No. 2.

Weggel and Clark 1983

Weggel, J. R. and Clark, G. R. 1983. "Sediment Budget Calculations, Oceanside, California," Miscellaneous Paper CERC-83-87, US Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS.

Weggel and Vitale 1985

Weggel, J. R., and Vitale, P. 1985. "Sand Transport over Weir Jetties and Low Groins," *Proceedings, Conference on Physical Modelling*, August 1981, in *Physical Modelling in Coastal Engineering*, A. A. Balkema, Boston, MA.

A-2. Related Publications

ER 1110-2-1406

Coastal Field Data Collection

ER 1110-2-1801

Construction Foundation Report

ER 1110-2-8151

Monitoring Coastal Projects

Ahrens and Cox 1990

Ahrens, J. P., and Cox, J. 1990. "Design and Performance of Reef Breakwaters," *Journal of Coastal Research*, SI #7, pp 61-75.

Chu, Lund, and Camfield 1987

Chu, Y., Lund, R. B., and Camfield, F. E. 1987. "Sources of Coastal Engineering Information," Technical Report CERC-87-1, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Fernandez-Ramada 1990

Fernandez-Ramada, J. C. 1990. "Defence of the Castille de Ferro Beach, Grenada, Spain," *Shore and Beach*, Vol 58, No. 3.

Hanson and Kraus 1990

Hanson, H., and Kraus, N. 1990. "Shoreline Response to a Single Transmissive Detached Breakwater," *Proceedings, 22nd International Conference on Coastal Engineering*, Delft, The Netherlands.

Horikawa and Komori 1968

Horikawa, K., and S. Komori. 1968. "Wind and Wave Attenuation Mechanism by Submerged Breakwaters," *Proceedings, 15th Conference on Coastal Engineering in Japan*.

Humiston 1990

Humiston, K. K. 1990. "Segmented Breakwater Design for Beach Stabilization Near Inlets."

Perlin 1979

Perlin, M. 1979. "Predicting Beach Planforms in the Lee of a Breakwater," *Proceedings, ASCE Specialty Conference, Coastal Structures '79*, Alexandria, VA.

Pope 1985

Pope, J. 1985. "Segmented Offshore Breakwaters - An Alternative for Beach Erosion Control," *Proceedings, 9th Annual Meeting*, The Coastal Society, Atlantic City, NJ.

Pope and Rowen 1983

Pope, J. and Rowen, D. D. 1983. "Breakwaters for Beach Protection at Lorain, Ohio," *Proceedings, ASCE Specialty Conference, Coastal Structures '83*, Arlington, VA, pp 753-768.

Shinohara and Ikeda 1966

Shinohara, K., and Ikeda, S. 1966. "Characteristics of Beach Deformation due to Detached Breakwaters," *13th Conference on Coastal Engineering in Japan*.

Shinohara and Tsubaki 1966

Shinohara, K., and Tsubaki, T. 1966. "Model Study on the Change of Shoreline of Sandy Beach by the Offshore Breakwater," *Proceedings, 10th International Conference on Coastal Engineering*.

Spataru 1990

Spataru, A. N. 1990. "Breakwaters for the Protection of Romanian Beaches," *Coastal Engineering*, Vol 14, pp 129-146, Elsevier Science Publishers B.V., Amsterdam.

Toyoshima 1968

Toyoshima, O. 1968. "A Study on Detached Breakwaters," *15th Conference on Coastal Engineering in Japan*.

Toyoshima 1969

Toyoshima, O. 1969. "On the Height of Detached Breakwaters," *16th Conference on Coastal Engineering in Japan*.

Toyoshima 1975

Toyoshima, O. 1975. "Design of a Detached Breakwater System," *Proceedings, 14th International Conference on Coastal Engineering*, pp 1419-1431, Copenhagen Denmark.

Toyoshima 1986

Toyoshima, O. 1986. "Economics of Beach Nourishment Under a Scenario of Rising Sea Level," *Journal of Waterway, Port, Coastal and Ocean Engineering*, American Society of Civil Engineers, Vol 112, No. 3, pp 418-426.